LABDEX

Vertical Autoclave LX141VA

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Description

Vertical Autoclave LX141VA is a sterilizing mechanism with top loading sterilizer along with safety protection features like an LCD display system, safety interlock door, over temperature, pressure and electric protection, lid closing checking, dry scorch protection, automatic release safety valve. It adopts a working environment of 5 - 40°C and relative humidity of 10 % - 85 %. This mechanism is very effectively useful in hospitals, clinical laboratories, research centers, and science colleges for the sterilization of glass wares, biological materials, cultural media, surgical instruments, rubber material, etc.

Specifications

Capacity	54 L
Chamber dimension	Φ 320 x 726 mm
Stainless steel basket	(Φ 300 x 205) mm x 3 Pcs
Temperature accuracy	0.1°C
Working environment	5 - 40°C, Relative humidity not greater than 85 %
Display	Color LCD touch screen
Chamber material	SUS 304 Steel
Sterilization temperature	105 - 138°C
Range of sterilization time	1 - 6000 Minutes
Melting temperature	60 - 115°C
Range of dissolving time	1 - 6000 Minutes
Warming temperature	45 -79°C
Range of warming time	1 - 9999 Minutes
Cooling lock open	40 - 99°C For solid, waste, agar, self-defined, 40 - 80°C for liquid
Exhaust	Automatic internal discharging Exhaust speed can be selected by 6 levels
Opening way	Up and down, one-touch open
Range of pressure gauge	-0.1-0.5 MPa
Pressure valve set temperature	0.29 MPa

Cooling type	Fast cooling fan
Interface	USB
Power supply	2600 W, Single phase 220 V ± 10 %, 14 A, 50/60 Hz
External dimension	460 x 570 x 1050 mm
Net weight	110 Kg
Packing dimension	560 x 660 x 1230 mm
Gross weight	135 Kg

Features

- It has an electric double inner lock for real-time monitoring of the opening and closing state
- Having the lid locking system with one key unlock
- The system monitors the temperature changes in the sterilization chamber in real time
- It has a large 7 inch color LCD touch screen display
- Sterilization record storage system which can store 999 cycles sterilization process
- Sterilization through six different exhaust speeds can be selected according to the substances
- Sterilization data can be converted into curves through software
- Equipped with the cooling process at the end of the sterilization chamber
- Supports electrical protection, power cut alarm system

Applications

- Vertical Autoclave is used in Biotechnology, microbiology, the medical and healthcare industry, scientific research centers, schools, colleges, and universities for the sterilizing process.

Optional Accessories

- Auto water fill
- Drying
- Dedorization
- Micro-printer
- Condenser
- SUS316 Steel material
- Pharma packing testing program
- Floating PT100 sensor

- Printing set (Printer +digital pressure sensor)
- Auto-drainage
- App control/Remote control

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